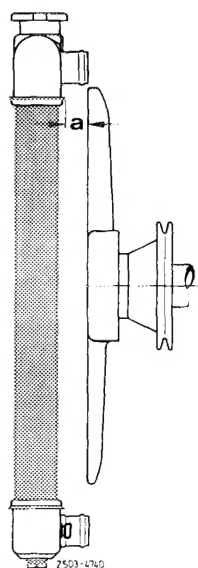


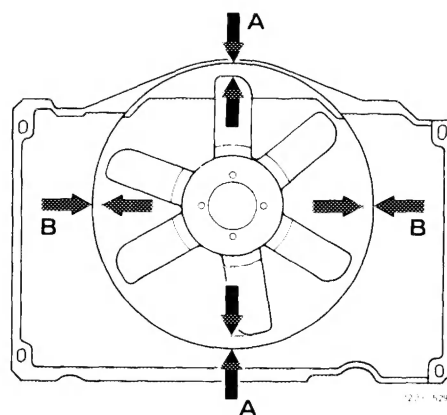
## 20–420 Removal and installation of radiator

### Installation dimensions for radiator, fan and fan cover

Model	Fan distance "a" to radiator, approx. mm	Fan distance to fan cover	
		A	B
107.022/042	23		
114.060/062	15		
116.020/024/025	31	25	15
123.007/030/033/050/053/093	35		
126.021/022/023	50	28	



Radiator/fan



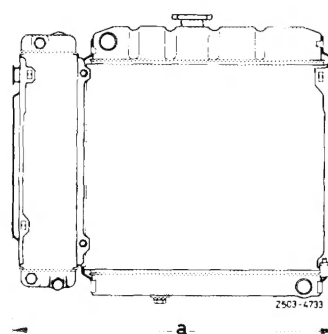
Fan cover/fan

### Installation dimensions for radiator—air oil cooler

Model	dimension "a"
107	730 ± 1
114	555 ± 1 <sup>1)</sup> 633 ± 1 <sup>2)</sup>
116	685 ± 1
123	608 ± 4
126	

<sup>1)</sup> At 565 mm front end width.

<sup>2)</sup> At 643 mm front end width.

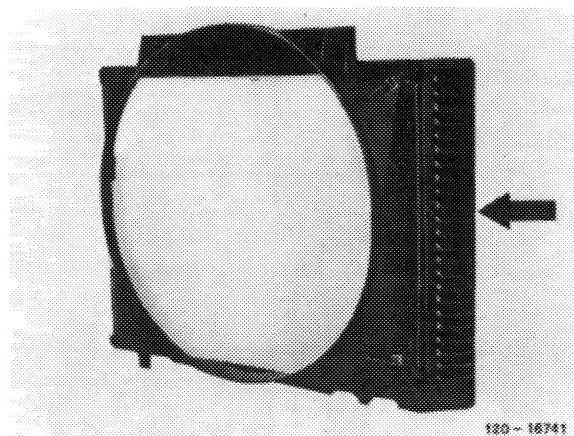


Tightening torques		Nm
Radiator plug	Models 107, 114, 116	6–10
	Models 123, 126	1.5–2 <sup>1)</sup>
Air oil cooler drain plug	Models 107, 114, 116	30–35

<sup>1)</sup> This torque can be established by means of a washer or coin.

### Note

Starting November 1979 the fan cover of model 123 is provided with a lateral covering (arrow) as a protection against engine compartment contamination.



### Removal

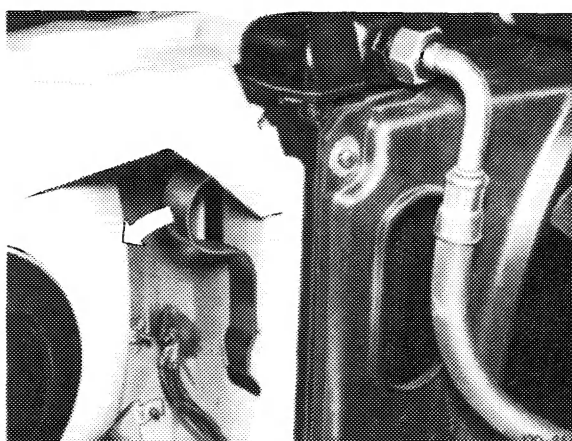
- 1 Drain coolant from radiator (20–010).

#### Models 107, 114, 116

- 2 Drain oil from air oil cooler by loosening coupling nut of upper oil hose.
- 3 Detach coolant hoses and hose connections at cooler. Plug oil hoses and connections with plastic caps.
- 4 Unscrew top of radiator housing, pull down out of clips and place above fan.

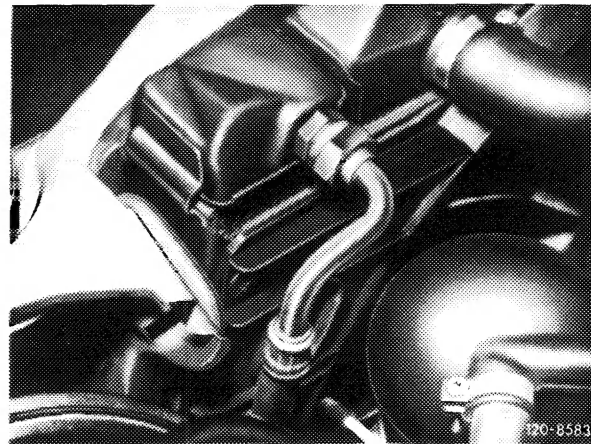
#### Models 107, 116

- 5 Press holder (arrow) outward.
- 6 Lift out radiator with air oil cooler.



### Model 114

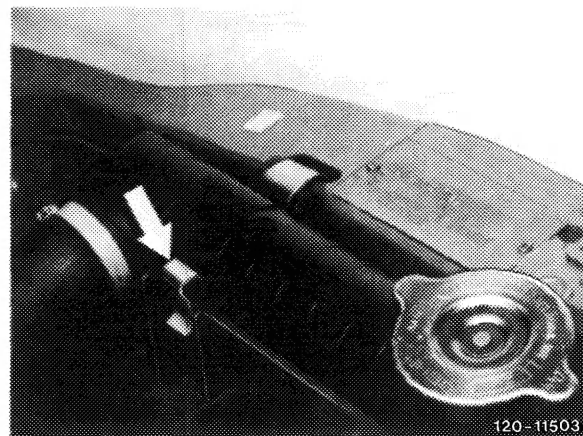
- 7 Press rubber straps (arrow) out of holder.
- 8 Remove radiator with air oil cooler in upward direction.



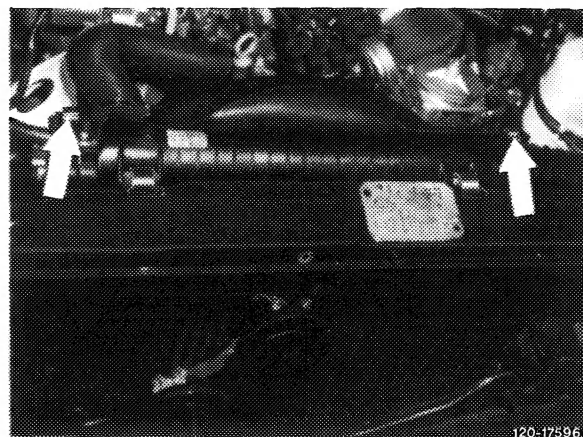
### Models 123, 126

- 9 Pull two clips (arrow) up and out of radiator housing.

Model 123

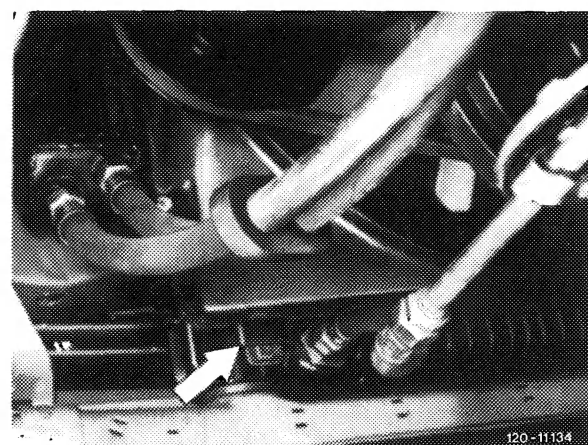


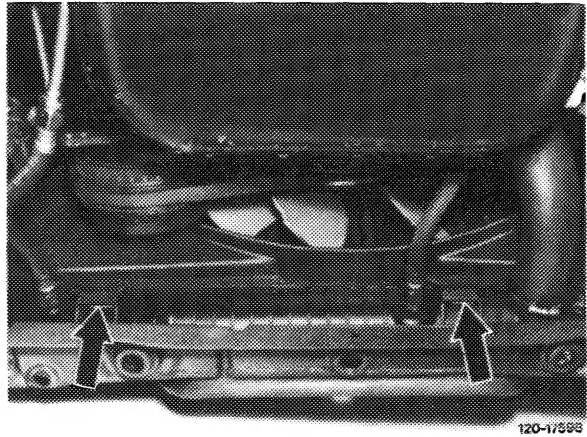
Model 126



- 10 Lift radiator housing out of lower straps (arrow) and place behind fan.

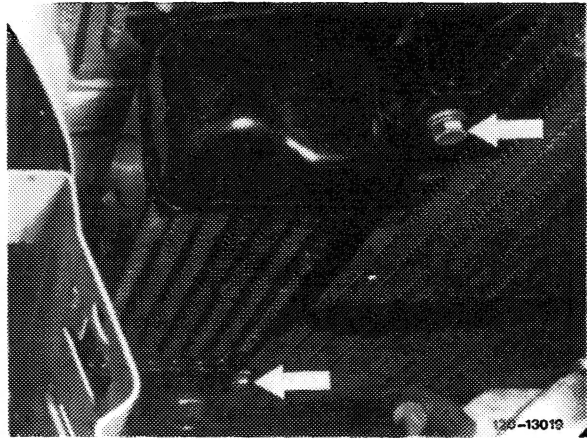
Model 123





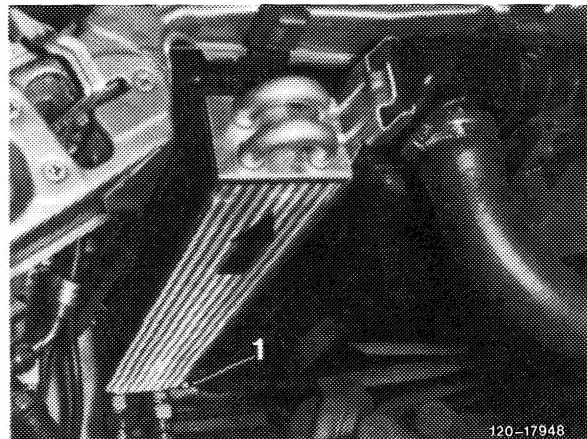
Model 126

11 Unscrew air oil cooler (arrows).



Model 123

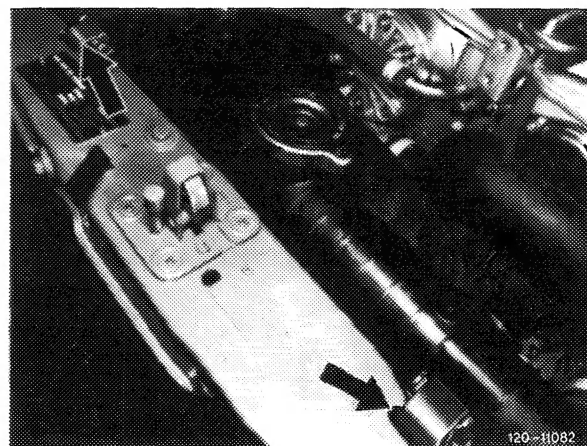
Unscrew screw (1) and pull air oil cooler out of guide on radiator in upward direction (arrow) and put aside (model 126 only).



Model 126

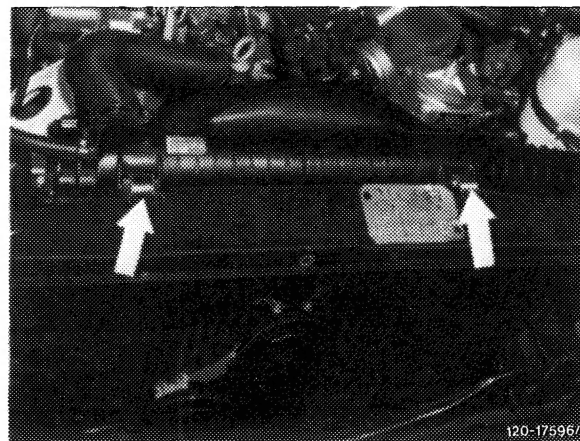
12 Disconnect coolant hoses and transmission oil cooler hoses for models with an automatic transmission.

13 Pull off holder (arrows) upward and lift out radiator.



Model 123

Model 126



### **Installation**

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14 For installation proceed vice versa.

Pay attention to distance of fan in relation to radiator and fan cover.

15 Test cooling system with pressure tester.